

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1935	(Cu copper aluminum Al Ag silver Au gold Fe iron metal alloy alumina ceria titania (titanium zinc metal) adj oxide semiconductor carbon adj (fibri nanotube )) near5 ( powder particle ultrafine nm nanoparticle nanopowder) and (quantum adj (dot lilypad) nanocrystal nanoparticle nanopowder nanorod (particle grain size) near2 (nm micron nanometer ultrafine)) and ((particle powder) near5 (coat\$4 encapsulat\$4) surface near5 (coat\$4 encapsulat\$4 doped modified complexed chelat\$4)) and (coating film layer) near5 ( micron nanometer angstrom nm monolayer) and ((conductive adj medium polyaniline polyphenylene latex polythiophene polyphenylene adj vinylene MEH\$2PPV PV PMMA phthalocyanine polymer) with (dispersion size near5 (nm nanometer)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/27 15:14
L2	192	L1 and semiconduct\$4 near5 (dop\$4 layer) and conduct\$4 near5 (dop\$4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/27 15:18
L3	34	L2 and alternat\$4 near5 (coat\$4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/27 15:19
L4	22	L2 and nanocomposite	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/27 15:19
L5	14	(L3 L4) and (428/323,357,402-405,407.cds. 252/301.16,501.1,500,502,514,518.1,582,67,70,71,73,74.cds. 165/10,104.15,104.16.cds. 977/773-777,785,786.cds. 257/9,10,21,26,43,451.cds. 136/203,205,206,243,250,291.cds. 313/503,504.cds. 359/296.cds. 250/200.cds. 429/33,111.cds.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/27 15:20
L6	19	(metal oxide semiconductor carbon ) near5 (powder particle) and (particle grain size) near2 (nm micron nanometer ultrafine) and (coat\$4 layer encapsulat\$4) and (conductive adj medium polyaniline polyphenylene latex polythiophene polyphenylene adj vinylene MEH\$2PPV PV PMMA phthalocyanine polymer) and semiconduct\$4 and conduct\$4	USOCR	OR	ON	2006/12/27 15:21
L7	1	(Cu copper aluminum Al Ag silver Fe iron metal alloy alumina ceria metal adj oxide semiconductor carbon adj (fibri nanotube )) near5 (powder particle nanoparticle).dm. and (particle size) near5 ( micron ultrafine nm nanometer).dm. and (coating film layer) near5 ( monolayer nanometer micron angstrom nm).dm. and (semi\$conduct\$4 and conduct\$4 ).dm. and alternate.dcm.	US-PGPUB; USPAT	OR	ON	2006/12/27 15:22
L8	19	michael near2 gurin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 15:22
L9	12	(Cu Al ag Fe copper silver aluminum iron semiconductor) with (nm ultrafine nanoparticle quantum adj dot) and (surface adj modified surface adj (layer coating) encapsulat\$4 coated coating film layer complex\$4 functionalized) and (chelate\$4 tolytriazole benzimidazoles alkyl adj imidazoles benzotriazoles alkyltriazoles corrosion adj inhibit\$4 corrosion\$2inhibit\$4 antioxidant silane adj coupling) and (electroconduct\$4 thermal\$4 conduct\$4 ) and layer\$3	FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/27 15:24